

FUGITIVE DUST CONTROL REQUIREMENTS

Construction and Grading Dust Control Requirements

The District adopted a major amendment to District Rule 228 on April 10, 2003, a rule that previously addressed fugitive dust only in the Lake Tahoe area. Rule 228, Fugitive Dust, is applicable to the entire County of Placer and addresses fugitive dust generated by construction and grading activities, as well as by other land use practices including recreational uses.

Fugitive dust is particulate matter discharged into the atmosphere due to a man-made activity or condition. Examples of dust sources that are subject to the rule are excavating and trenching, drilling, boring, earthmoving and grading operations, pavement or masonry cutting operations, brush clearing, travel on unpaved roads within construction sites, and wind-blown dust from uncovered graded areas and storage piles. Private recreational uses that could be affected include horse arenas and dirt motorcycle and ATV tracks. Commercial agricultural operations are exempted from this rule. Any dust problems created by commercial agricultural operations, as defined by Placer County ordinances, will be addressed when necessary under State and District nuisance regulations.

The rule establishes standards to be met by activities generating fugitive dust. Among these standards to be met is a prohibition on visible dust crossing the property boundary, generation of high levels of visible dust (dust sufficient to obscure vision by 40%), an increase in monitored dust concentrations of 50 micrograms per cubic meter, and controls on the track-out of dirt and mud on to public roads. The regulation also establishes minimum dust mitigation and control requirements.

In addition, the California Air Resources Board's *Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations* applies to construction activities that are located in zones of higher probability for the existence of ultramafic rock and naturally-occurring asbestos. This regulation establishes several requirements construction and grading activities in these areas. The regulation requires notification of the District for construction (including road construction and maintenance) or grading operation, quarries, and surface mines when the activity occurs in areas where ultramafic rock, serpentine, or naturally-occurring asbestos may be found, as identified on 1:250,000 scale State Department of Conservation Geologic Maps of the Sacramento and Chico Quadrangles. When construction, grading, or excavation activities will be performed in these mapped areas, or when ultramafic rock, serpentine, or naturally-occurring asbestos is discovered during construction, best available dust mitigation measures are required.

Copies of the Final Regulation Order, *Asbestos Airborne Toxic Control Measure for Construction, Grading, Quarrying, and Surface Mining Operations*, are available from the District, (530) 745-2330, or they may be downloaded by accessing the California Air Resources Board's Internet web page at, <http://www.arb.ca.gov/toxics/atcm/asb2atcm.htm>, or by a link to this website from the District's web page at www.placer.ca.gov/apcd.

A copy of Rule 228 may be obtained by contacting the District at (530) 745-2330, or by downloading the rule from the District web page <http://www.placer.ca.gov/Air/Rules.aspx>. If you have questions, please contact Todd Nishikawa at 530-745-2322, or by e-mail at tnishika@placer.ca.gov.